

ABSTRACT

Illumination methods and apparatus, in which a first number of first light sources are adapted to generate first radiation having a first spectrum, and a second number of second light sources are adapted to generate second radiation having a second spectrum
5 different than the first spectrum. In one example, the first number of the first light sources and the second number of the second light sources are different. In another example, a first intensity of the first radiation and a second intensity of the second radiation are independently controlled so as to controllably vary at least an overall perceivable color of generated visible radiation. In yet another example, a first control
10 signal controls all of the first light sources substantially identically, and a second control signal controls all of the second light sources substantially identically.